

NATIONAL PARK SERVICE
Chickasaw National Recreation Area – Water Year 2003
343022096565701 West Observation Well, OK

LOCATION. – Lat 34° 30' 22.32", Long 96° 56' 59.28", 01S-03E-01 BBB1, Murray County, OK, Hydrologic Unit 11130303

AQUIFER. – Arbuckle-Simpson Aquifer of the Arbuckle Group.

WELL CHARACTERISTICS. – Observation well, depth 436 feet, outer casing diameter 7.5 inches.

PERIOD OF RECORD. – June 17, 2003 to current year.

INSTRUMENTATION. - Water level recorder (pressure sensor).

DATUM. – Elevation of land-surface datum is 1,079 feet above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land surface.

REMARKS. – Records good.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	30.27	31.15	31.70
2	---	---	---	---	---	---	---	---	---	30.28	31.17	31.67
3	---	---	---	---	---	---	---	---	---	30.30	31.18	31.66
4	---	---	---	---	---	---	---	---	---	30.31	31.20	31.66
5	---	---	---	---	---	---	---	---	---	30.33	31.21	31.66
6	---	---	---	---	---	---	---	---	---	30.36	31.23	31.66
7	---	---	---	---	---	---	---	---	---	30.39	31.25	31.67
8	---	---	---	---	---	---	---	---	---	30.41	31.27	31.67
9	---	---	---	---	---	---	---	---	---	30.45	31.29	31.67
10	---	---	---	---	---	---	---	---	---	30.48	31.31	31.67
11	---	---	---	---	---	---	---	---	---	30.52	31.33	31.65
12	---	---	---	---	---	---	---	---	---	30.55	31.36	31.53
13	---	---	---	---	---	---	---	---	---	30.58	31.38	31.47
14	---	---	---	---	---	---	---	---	---	30.62	31.41	31.46
15	---	---	---	---	---	---	---	---	---	30.67	31.45	31.46
16	---	---	---	---	---	---	---	---	---	30.71	31.47	31.45
17	---	---	---	---	---	---	---	---	---	30.77	31.48	31.45
18	---	---	---	---	---	---	---	---	30.07	30.82	31.50	31.43
19	---	---	---	---	---	---	---	---	30.07	30.85	31.51	31.43
20	---	---	---	---	---	---	---	---	30.09	30.89	31.52	31.42
21	---	---	---	---	---	---	---	---	30.11	30.92	31.55	31.42
22	---	---	---	---	---	---	---	---	30.13	30.94	31.56	31.37
23	---	---	---	---	---	---	---	---	30.15	30.98	31.57	31.31
24	---	---	---	---	---	---	---	---	30.16	31.02	31.59	31.28
25	---	---	---	---	---	---	---	---	30.19	31.04	31.62	31.25
26	---	---	---	---	---	---	---	---	30.22	31.06	31.64	31.22
27	---	---	---	---	---	---	---	---	30.22	31.09	31.66	31.20
28	---	---	---	---	---	---	---	---	30.22	31.10	31.67	31.18
29	---	---	---	---	---	---	---	---	30.23	31.11	31.68	31.17
30	---	---	---	---	---	---	---	---	30.25	31.11	31.70	31.16
31	---	---	---	---	---	---	---	---	---	31.14	31.71	---
MEAN	---	---	---	---	---	---	---	---	---	30.71	31.44	31.47
MAX	---	---	---	---	---	---	---	---	---	31.14	31.71	31.70
MIN	---	---	---	---	---	---	---	---	---	30.27	31.15	31.16